

CLAIMS

1. (After amendment) A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a silicone oil is continuously supplied at a spray rate of 0.1 to 200 mg / m² per min to the surface of the canvas, facing the paper strip, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is being fed by operation of the paper machine.

2. (After amendment) A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a silicone oil is continuously supplied at a spray rate of 0.1 to 200 mg / m² per min to the surface of canvas rolls for guiding the canvas, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is being fed by operation of the paper machine.

3. (After amendment) A method of preventing contamination of the canvas according to Claim 1 or 2, wherein a silicon oil emulsified with a surfactant is used.

4. (After amendment) A method of preventing contamination of the canvas according to Claim 1 or 2, wherein the silicon oil is further diluted with water before being put to use.

5. (After amendment) A method of preventing contamination of the canvas according to Claim 1 or 2, wherein the silicon oil diluted with water heated to a temperature in the range of 50 to 80°C immediately before spraying is put to use.

6. (After amendment) A method of preventing contamination of a canvas

for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, said method comprising the following steps 1) to 4) :

1) the silicone oil supply step for supplying a silicone oil to the surface of the canvas;

2) the silicone oil permeation and adhesion step for causing the silicone oil to permeate through the canvas and adhere to the surface thereof under heat and pressure;

3) the silicone oil transfer step for pressing a paper strip against the canvas, causing the silicone oil to be transferred to the paper strip; and

4) the silicone oil replenishment step for replenishing the silicone oil depleted after transferred from the canvas.

16 A2 7. (After amendment) A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, said method comprising the following steps 1) to 5) :

1) the silicone oil supply step for supplying a silicone oil to the surface of an out-roll;

2) the silicone oil shifting step for shifting the silicone oil from the surface of the out-roll to the canvas;

3) the silicone oil permeation and adhesion step for causing the silicone oil to permeate through the canvas and adhere to the surface thereof under heat and pressure;

4) the silicone oil transfer step for pressing a paper strip against the canvas, causing the silicone oil to be transferred to the paper strip; and

5) the silicone oil replenishment step for replenishing the silicone oil depleted after transferred from the canvas.

